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(71) Applicant: **HITACHI LTD**

(72) Inventor: **KANBARA HIDEKI
OKANO KAZUNOBU**

(54) **METHOD FOR ANALYZING DISTRIBUTION OF
KINDS OF M-RNA**

(57) Abstract:

PURPOSE: To provide the analysis method capable of simultaneously measuring especially even plural basic sequence unknown m-RNAs by a means for detecting the distribution of the various m-RNAs contained in cells.

CONSTITUTION: Many kinds of DNA oligomers are divided into every kinds, immobilized in every divisions on the surface of a solid oligomer array, and

subsequently hybridized with m-RNA. A fluorescently labeled dNTP and a reverse transcriptase are used to synthesize fluorescently labeled c-DNA complementary to the m-RNA on the oligomer array. The fluorescent light of each division on the oligomer array is measured to know the distribution of the m-RNA. An oligomer having a structure comprising a poly A and an arbitrary sequence on the 3'-terminal side of the poly A is used as the oligomer.

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